$\beta4^{WT} / \beta4^{1355T}$; MMTV-Neu* X $\beta4^{WT} / \beta4^{1355T}$; MMTV-Neu*

$\beta4^{1355T} / \beta4^{1355T}$; MMTV-Neu + $\beta4^{WT} / \beta4^{WT}$; MMTV-Neu
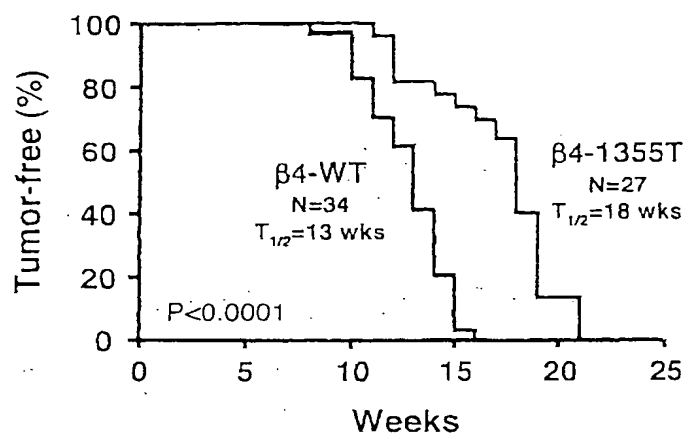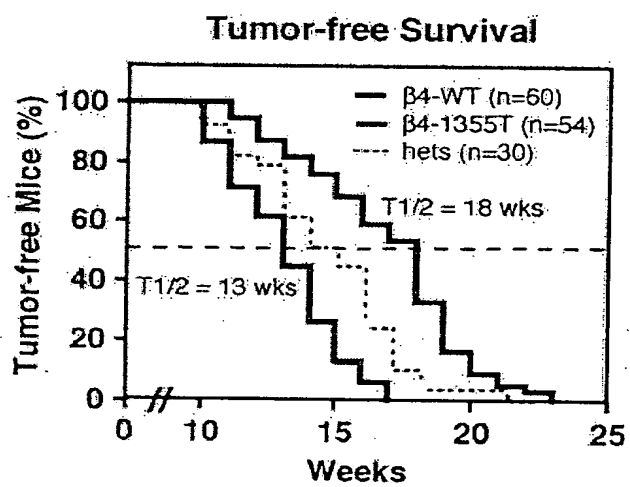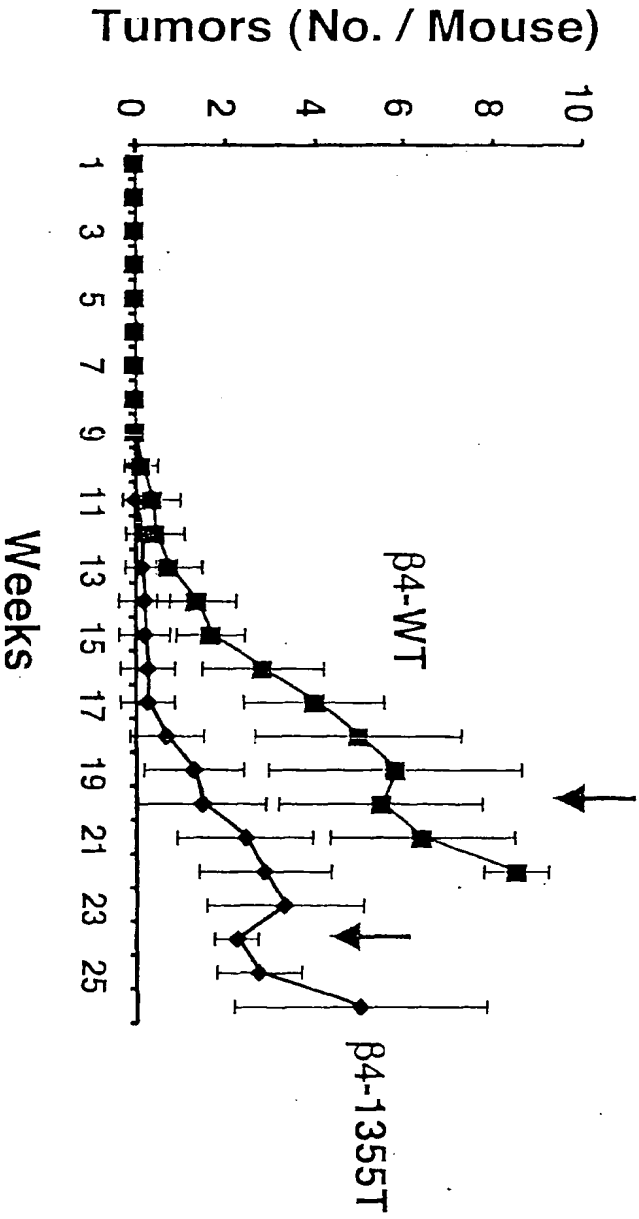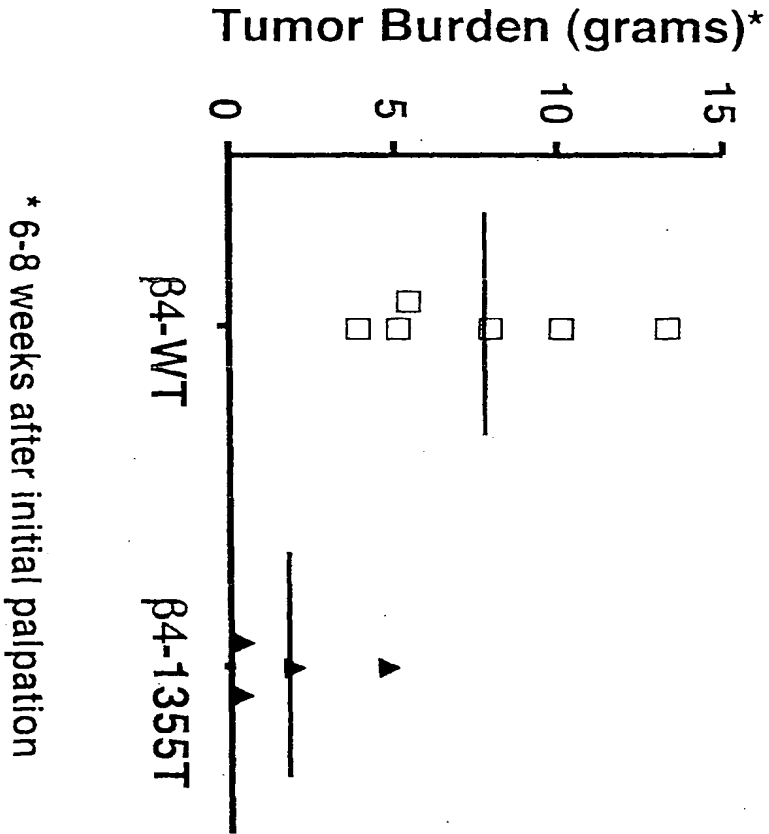
Experimental group   Control group

Fig. 1

Fig. 2A

Fig. 2B

Fig 3

Fig. 4

Fig. 5B

Fig. 5A

Fig. 5C

$\beta 4^{WT} / \beta 4^{135ST}$; TRAMP X $\beta 4^{WT} / \beta 4^{135ST}$; TRAMP

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$\beta 4^{135ST} / \beta 4^{135ST}$; TRAMP   + $\beta 4^{WT} / \beta 4^{WT}$; TRAMP

Experimental group   Control group
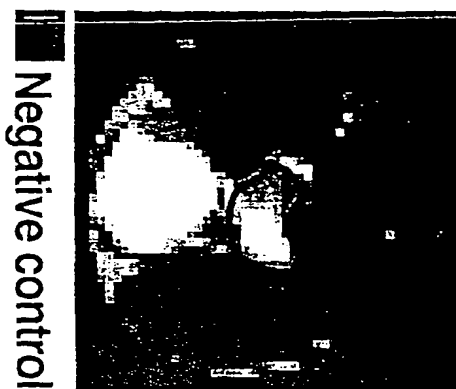
Fig. 6

Fig. 7A
Negative control

Fig. 7B
TRAMP/ β4-WT

Fig. 7C
TRAMP/ β4-1355T

Fig. 7D
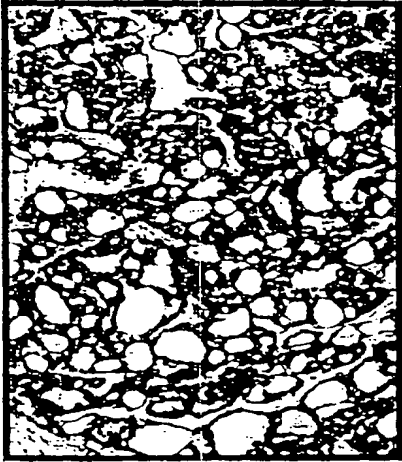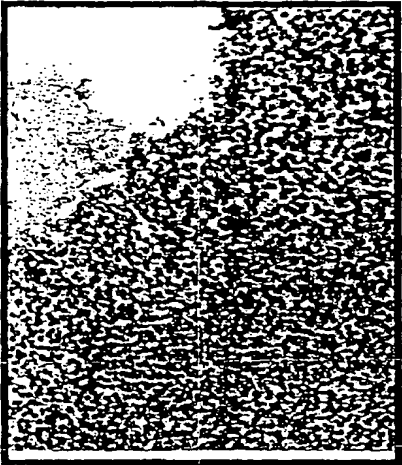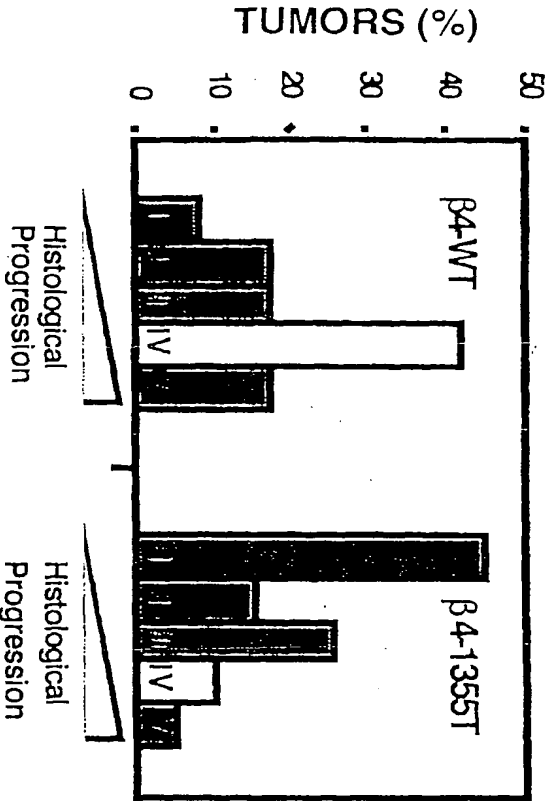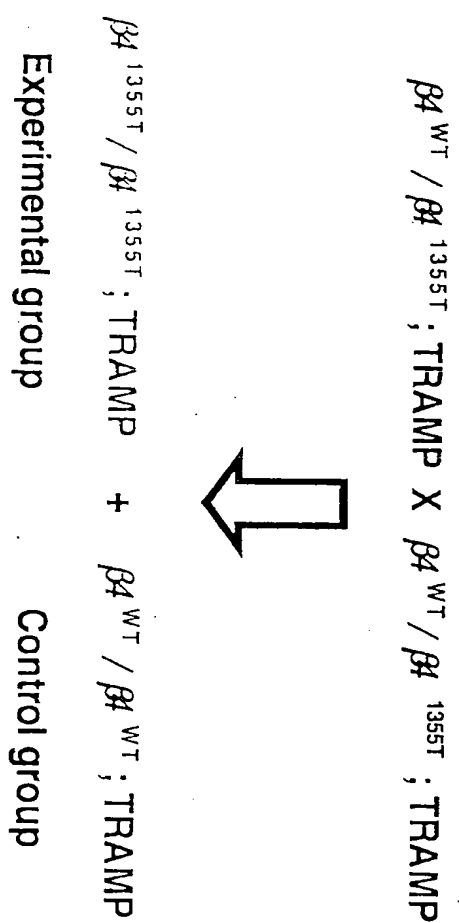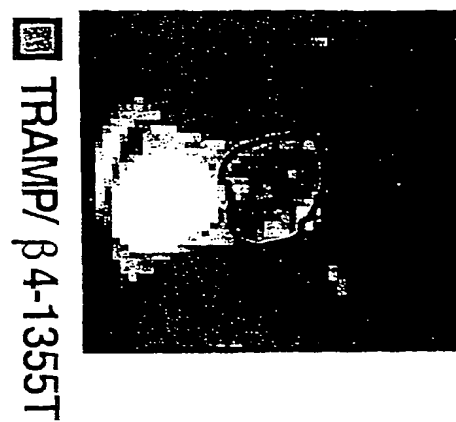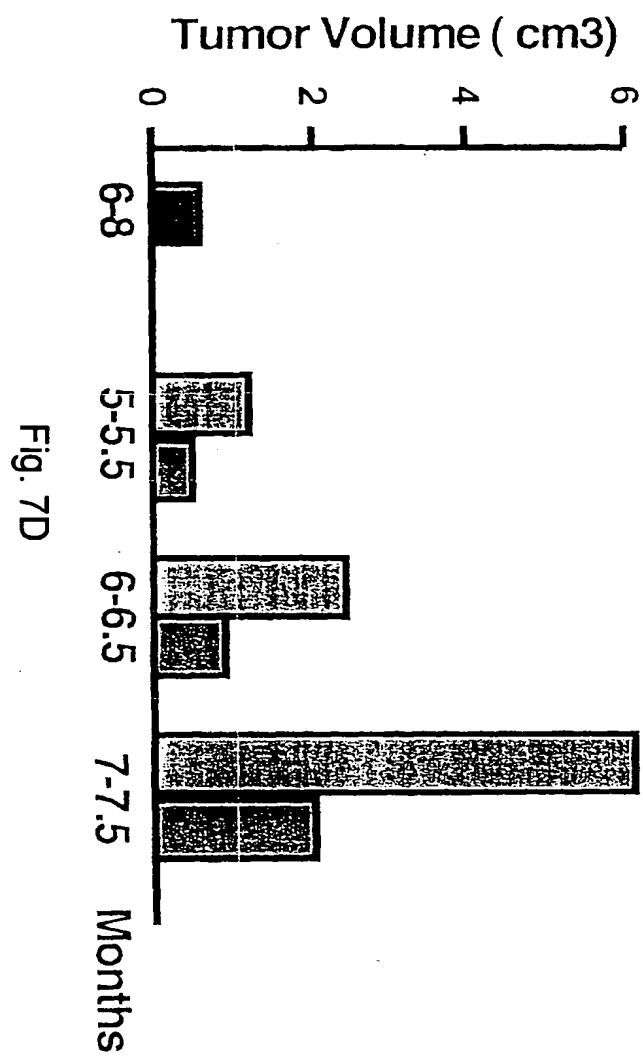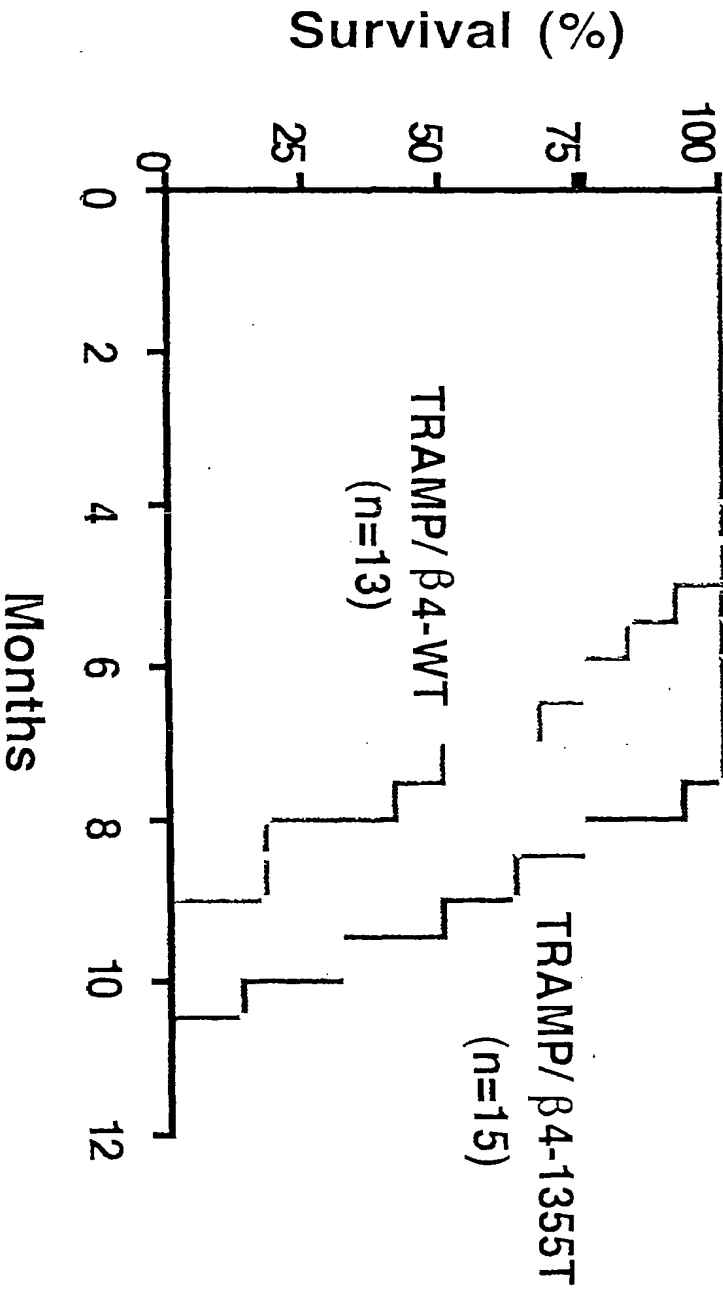
Fig. 8

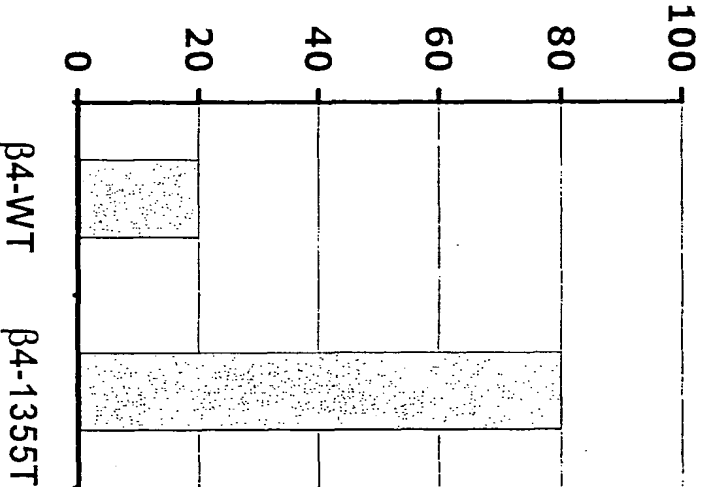# # of Ki-67 positive nuclei per field
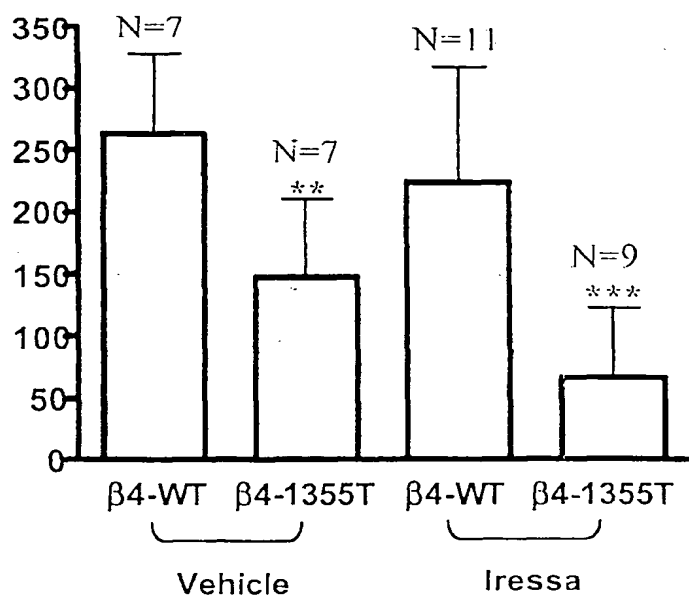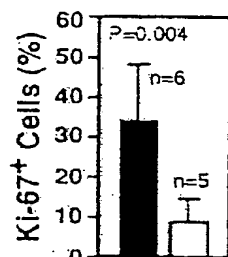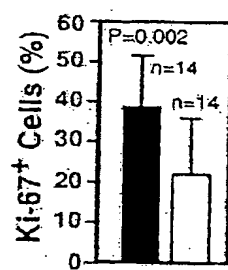

Fig. 9

Fig. 10A
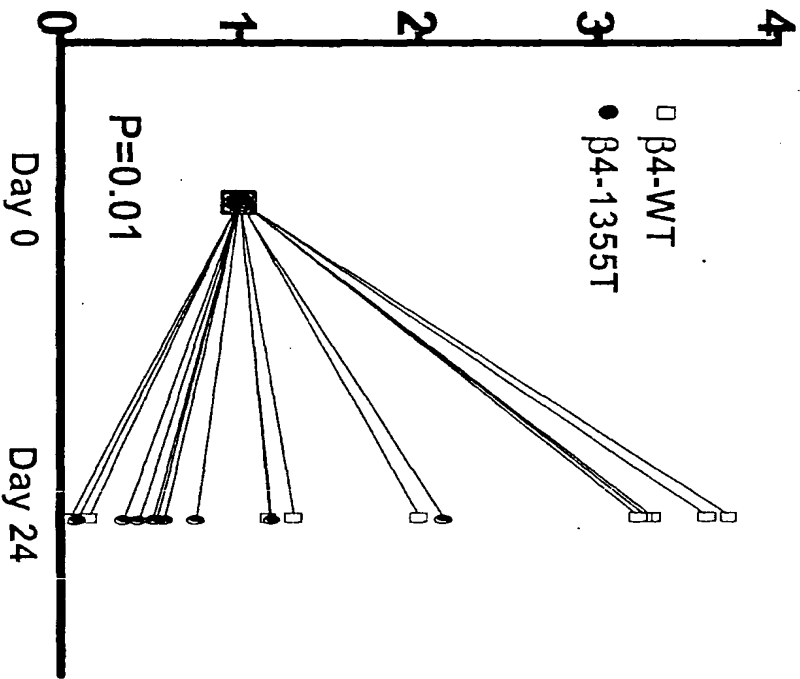
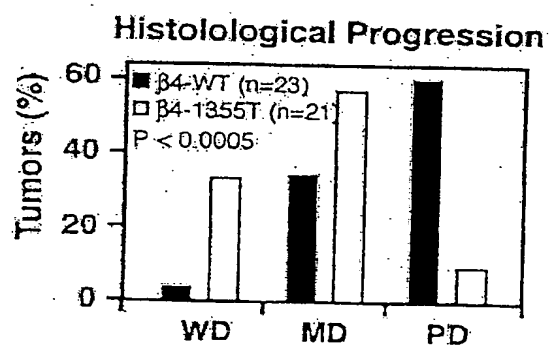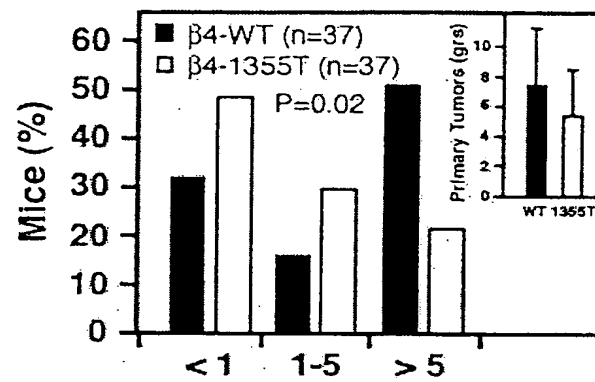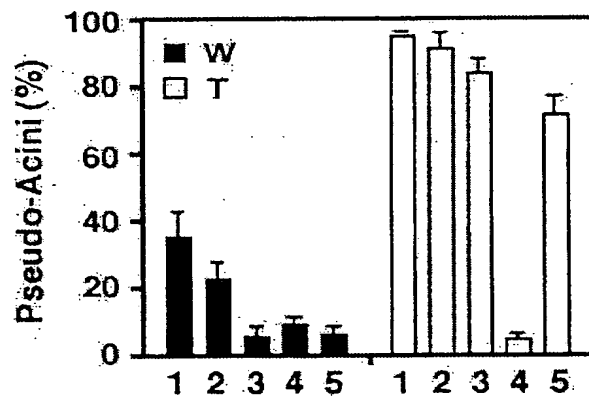

Fig. 10B

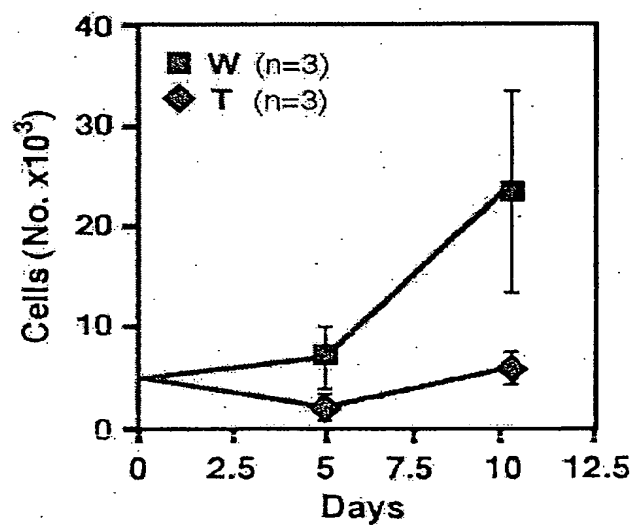Fig. 11A
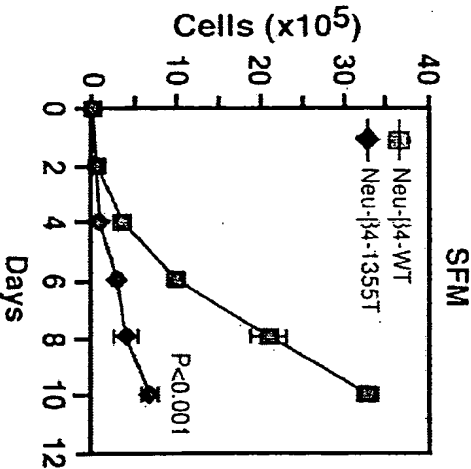

WT 1355T

Fig. 11B

Fig. 12

Lung Metastases

Fig. 13

Fig. 14A

Fig. 14B

Fig. 15A

Fig. 15B
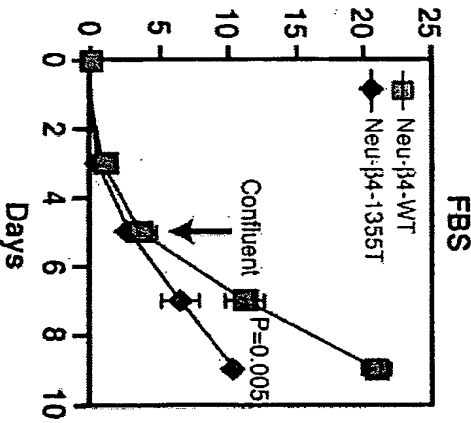
Fig. 15C

Fig. 16

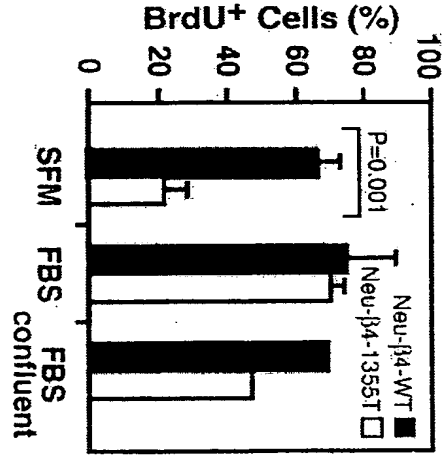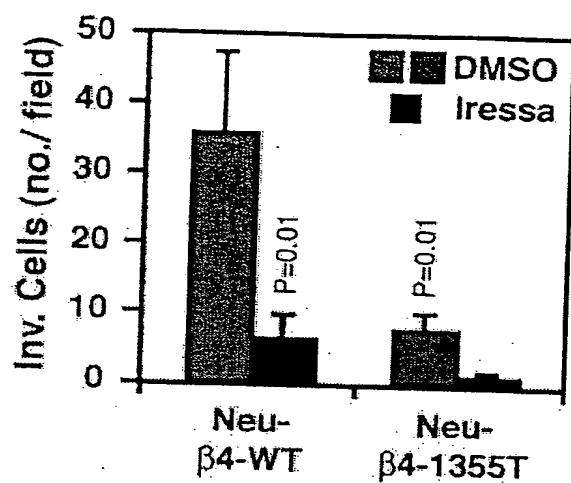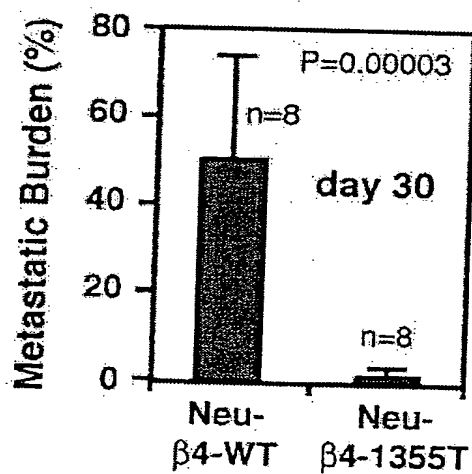

Fig. 17

Fig. 18A

Fig. 18B